Specification of Vision Engineering SX25 Elite

PART No. 560-SX25-ELITE

SX25 Stereo Microscope Body: 4.5:1 Zoom Body.
Requires eyepiece and a stand. Cables also required please check specification

Compact Stereo Microscope

Compact and high quality, the SX25 Elite entry-level zoom stereo microscope delivers performance, flexibility and reliability. Quality optics ensures superb stereo viewing.

- 10x – 45x magnification (180x max.)
- Compact, robust, high quality binocular stereo microscope
- Range of stand options to suit requirements

Highlights

- 10x – 45x* (4.5:1 zoom ratio) stereo zoom magnification (180x max.)
  (* with standard 1x objective)
- Compact stereo microscope with high quality optics
- Precision optics deliver high resolution and flat field
- Long-life (up to 6,000 hours), true colour LED illumination
- Long working distance and large depth of field
- Robust and easy to use

Compact Stereo Microscope

Increase your productivity and production quality with the SX Elite microscope range.

The SX25 Elite is a entry level, high quality stereo microscope, designed to provide value without compromising performance.

With more than 60 years experience in design and manufacture of high performance optical systems, Vision Engineering's SX25 Elite stereo microscope delivers performance, flexibility and reliability.

Quality optics ensure the SX25 Elite delivers high resolution, flat field imaging, making it ideal for routine industrial and life science work. It is the first step in the SX Elite family of quality stereo microscopes.

A range of stand options and accessories allow tailoring to suit individual requirements.

ABOUT KAISERTECH

Founded in 1998, Kaisertech Ltd is situated in Eastleigh, Hampshire.
Through hard work and dedication Kaisertech has grown to be a well-recognized supplier of electronic production equipment and tools.

Specialists in: Soldering, Static Control, Vision, Industrial Furniture, Electric crew Drivers & Special Projects.

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Bench Stand



- Low-profile base optimises ergonomics for reduced operator fatigue
- Built-in transformer with intensity adjustment for both surface and substage illumination

Boom Mount



- Stable platform base, or for mounting directly to user's work surface
- Enhanced freedom of movement

Dual Arm Boom

- Designed specifically for applications requiring extended reach, without compromising stability
- Stable platform base, or for mounting directly to user's work surface
- Easy adjustability allows precise positioning and alignment

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Floor Stand



- Perfect for inspection of large or immovable subjects.
- Height and reach adjustments for inspection of different sized or positioned samples.
- Articulated adjustable horizontal arm.
- Heavy duty wheeled base provides mobility to move around practice or lab.

A wide range of accessories are available to complement the SX Elite family products to cater for almost any situation.

LED ring light



- For use with bench stand variant, where additional surface illumination is required (standard option with articulated arm and boom mount variants).

Polarisation set



- Useful accessory when used for material science, metallurgy, petrology, as well as many geological and pharmaceutical applications. Polarising filters can be accommodated with bench stand variant.

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Optical data

Eyepieces	Objective Lenses	Zoom Range	Working Distance
10x/20 E.W.	0.5x*	5x – 22.5x	180mm
15x/16 W.F.	0.5x*	7.5x – 33.8x	180mm
20x/11 W.F.	0.5x*	10x – 45x	180mm
10x/20 E.W..	0.75x	7.5x – 33.8x	120mm
15x/16 W.F.	0.75x	11.3x – 50.6x	120mm
20x/11 W.F.	0.75x	15x – 67.5x	120mm
10x/20 E.W.	1.0x	10x – 45x	97mm
15x/16 W.F.	1.0x	15x – 67.5x	97mm
20x/11 W.F.	1.0x	20x – 90x	97mm
10x/20 E.W.	2.0x	20x – 90x	30mm
15x/16 W.F.	2.0x	30x – 135x	30mm
20x/11 W.F.	2.0x	40x – 180x	30mm

* stand extension required when using 0.5x objective lens with bench stand model to accommodate increased working distance.

Technical Data

- Greenough stereo microscope
- Zoom ratio 4.5:1
- Interpupillary distance adjustment (52 to 75mm)
- Eyepiece dioptre indexing

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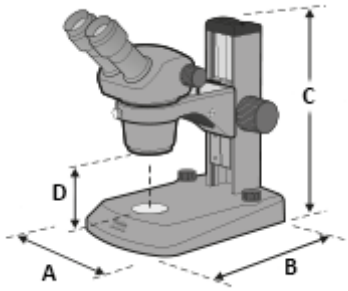
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Dimensions

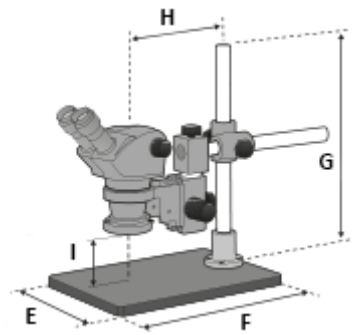
Bench Stand Dimensions



- A = 183mm
- B = 250mm
- C = 285mm
- D = 155mm max., less working distance *

*with 1x objective

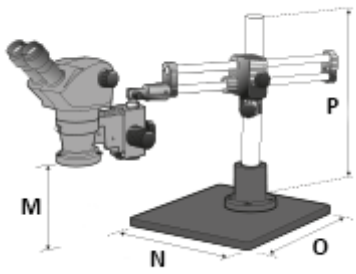
Boom Mount Dimensions



- E = 275mmF = 395mm
- G = 485mm
- H = 442mm max.
- I = 295mm max., less working distance *

*with 1x objective

Dual Arm Dimensions



- J = 325mm max., less working distance*
- K = 670mm max.
- L = 405mm

*with 1x objective

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